

Title (en)  
TWO WAY SLIDING APPARATUS

Title (de)  
BIDIREKTIONALE SCHIEBEVORRICHTUNG

Title (fr)  
DISPOSITIF COULISSANT DANS DEUX DIRECTIONS

Publication  
**EP 2092654 A4 20100505 (EN)**

Application  
**EP 07834201 A 20071122**

Priority  
• KR 2007005895 W 20071122  
• KR 20060115816 A 20061122

Abstract (en)  
[origin: WO2008063017A1] The present invention relates to a two way sliding device for a potable terminal in which a cover is slid with respect to a main body. The two way sliding device comprises a flat plate- shaped stationary stage fixed to the main body, the stationary stage having X-axial moving guide portions formed at upper and lower sides thereof in the vertical direction; an X-axis moving stage having X-axis sliding portions provided at upper and lower sides thereof in the horizontal direction to be coupled with the X-axial moving guide portions and moved in the horizontal direction, the X-axis moving stage having Y-axial moving guide portions provided at both lateral sides thereof in the vertical direction, the X-axis moving stage having an opening formed at a center thereof; a Y-axis moving stage fixed to the cover, the Y-axis moving stage having Y-axis sliding portions formed at both lateral sides thereof to be coupled with the Y-axial moving guide portion and moved within the opening in the vertical direction; and an elastic member having an end coupled with the stationary stage and the other end coupled with the Y-axis moving stage, thereby being rotated 360 degrees within a range of the opening when the slide of the X-axis moving stage in the horizontal direction and the slide of the Y-axis moving stage in the vertical direction cooperate with each other.

IPC 8 full level  
**H04M 1/02** (2006.01)

CPC (source: EP KR US)  
**H04B 1/38** (2013.01 - KR); **H04M 1/0239** (2013.01 - EP US)

Citation (search report)  
• No further relevant documents disclosed  
• See references of WO 2008063017A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2008063017 A1 20080529**; CN 101584123 A 20091118; EP 2092654 A1 20090826; EP 2092654 A4 20100505; JP 2010510749 A 20100402; JP 4796651 B2 20111019; KR 100857416 B1 20080908; KR 20080046402 A 20080527; US 2010129010 A1 20100527

DOCDB simple family (application)  
**KR 2007005895 W 20071122**; CN 200780050252 A 20071122; EP 07834201 A 20071122; JP 2009538330 A 20071122; KR 20060115816 A 20061122; US 51606407 A 20071122